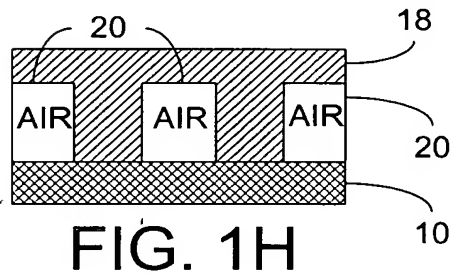
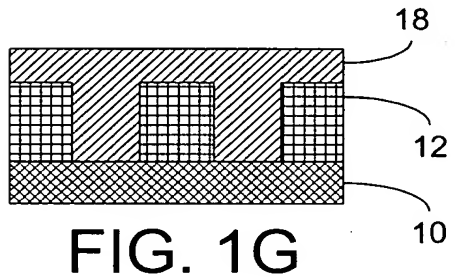
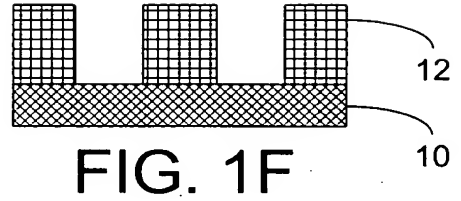
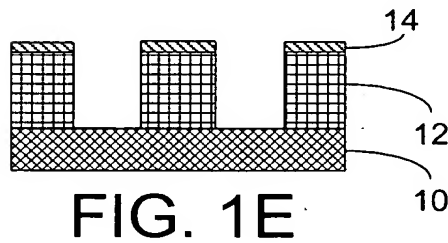
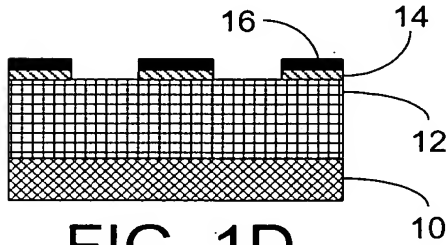
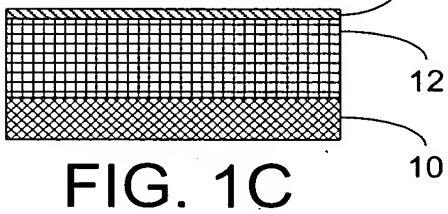
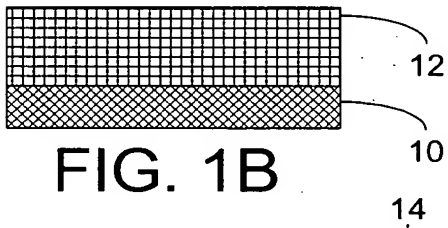
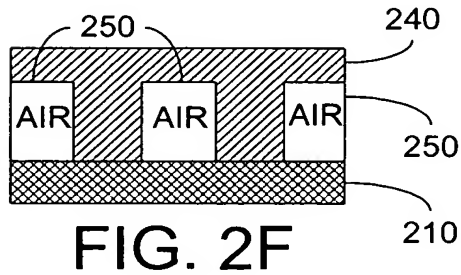
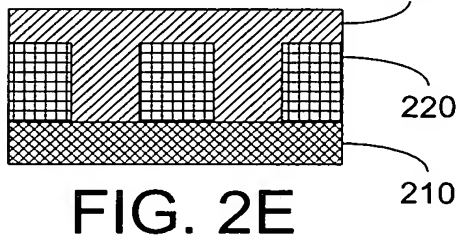
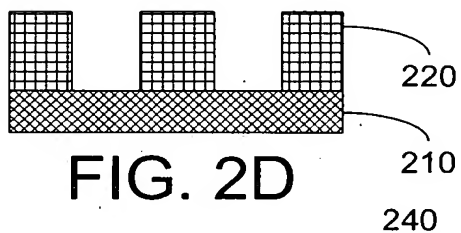
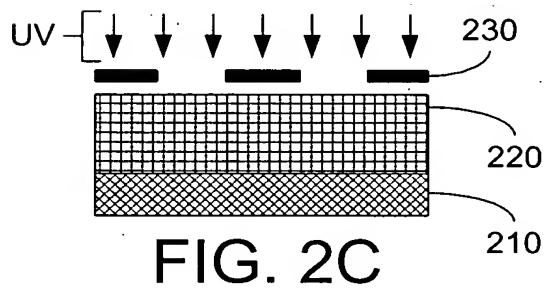
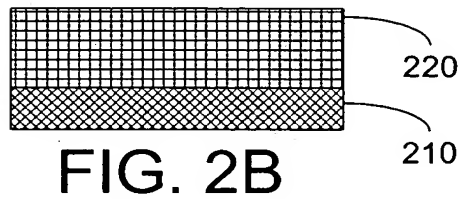
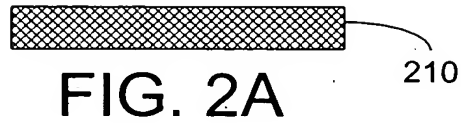


100

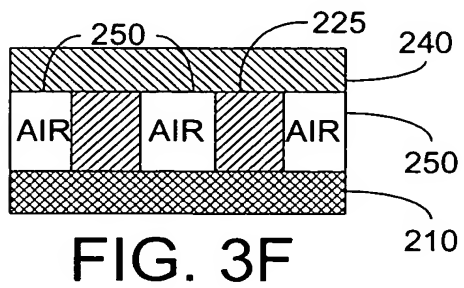
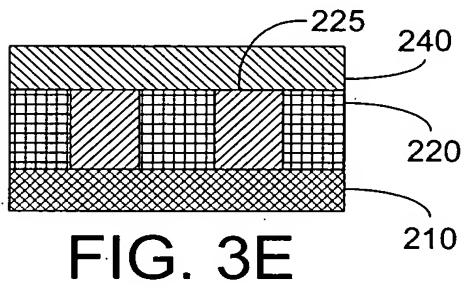
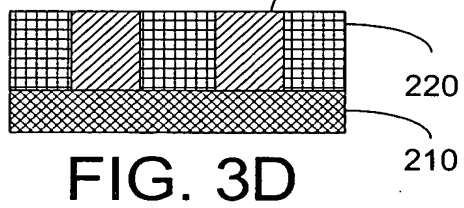
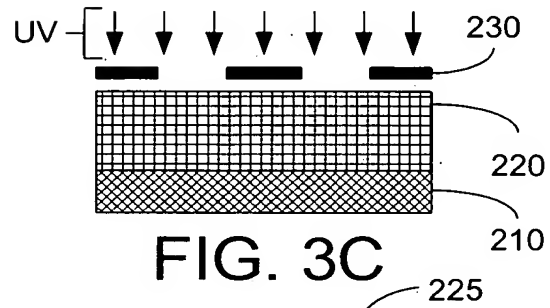
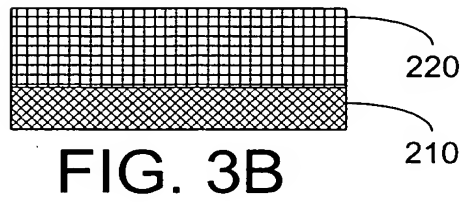
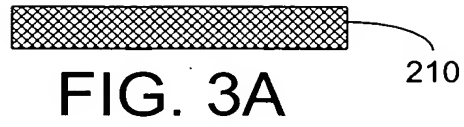


PRIOR ART

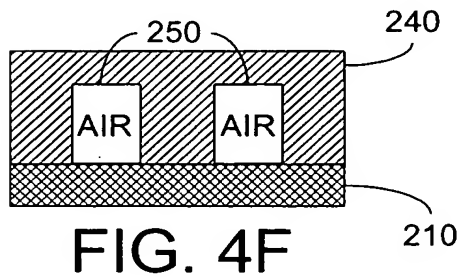
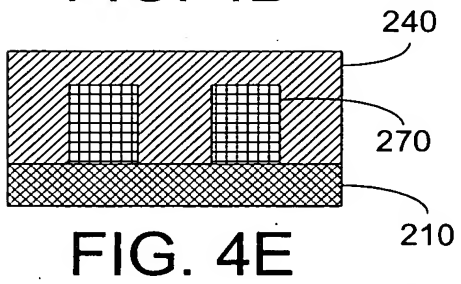
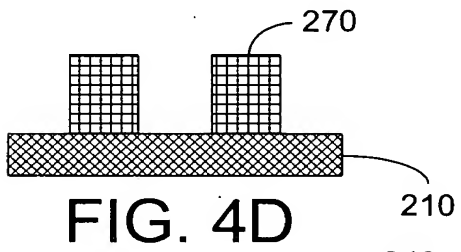
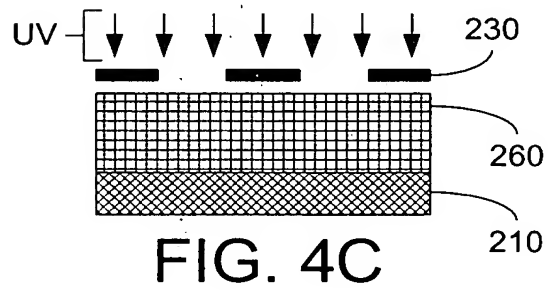
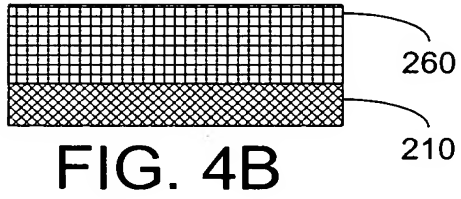
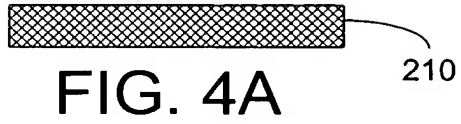
200



300
↓



400



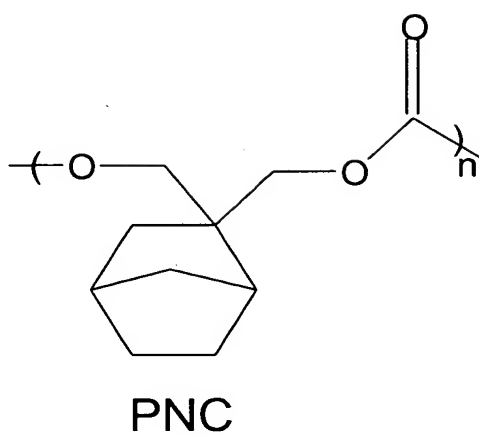
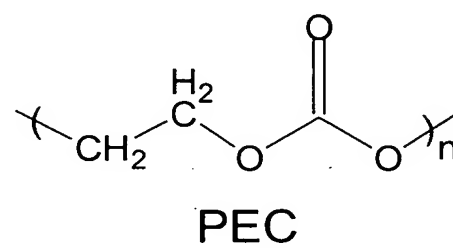
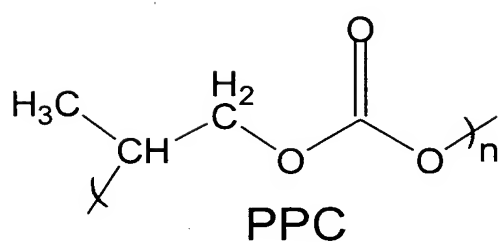
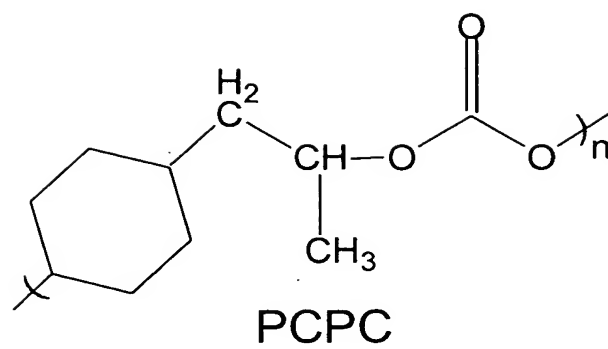
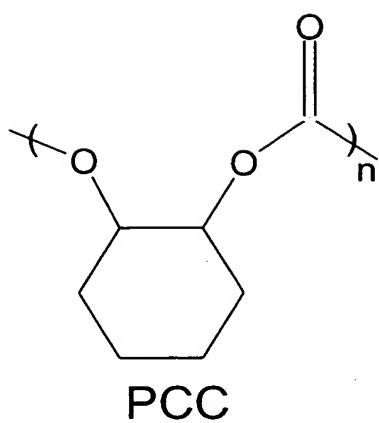
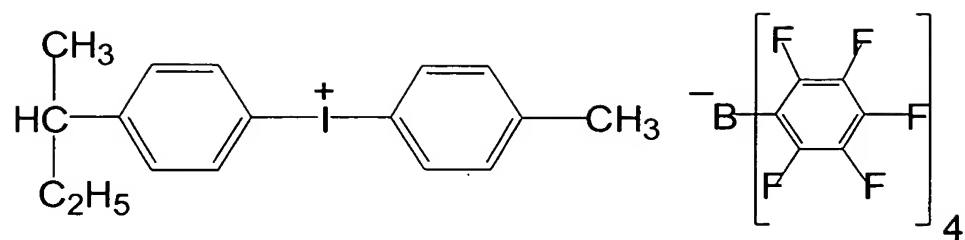
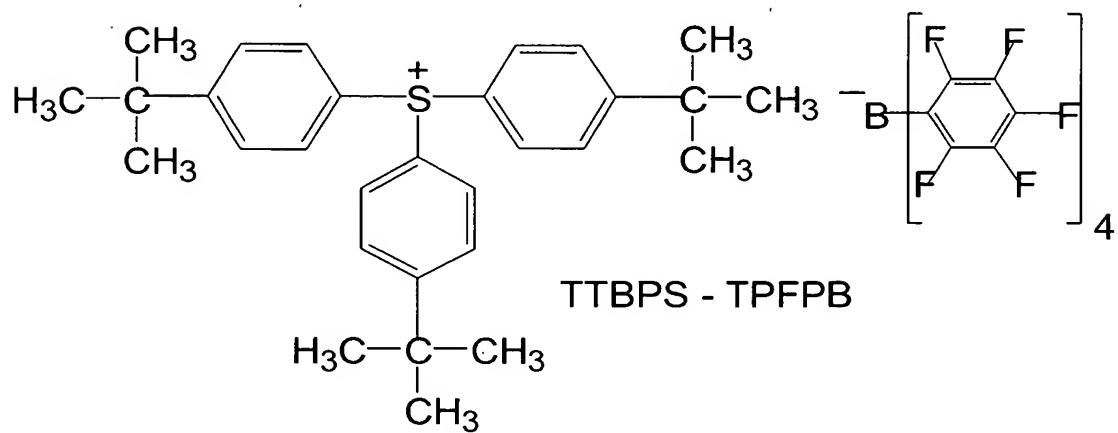


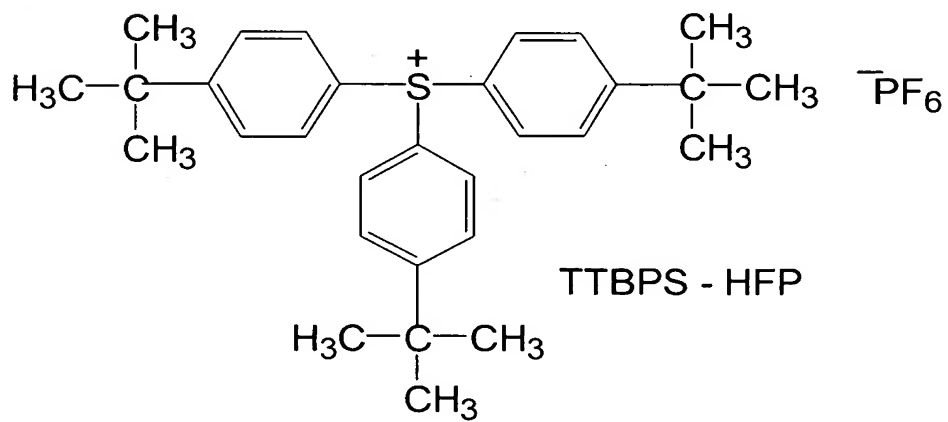
FIG. 5



DPI - TPFPB

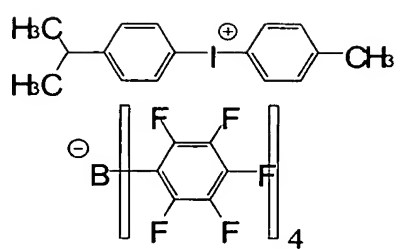


TTBPS - TPFPB

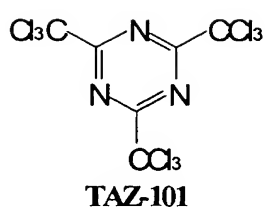


TTBPS - HFP

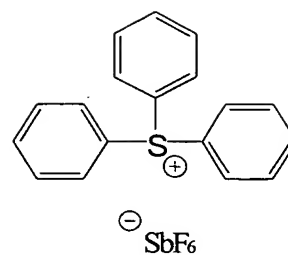
FIG. 6



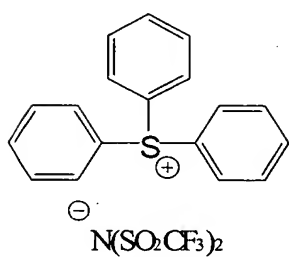
FABA



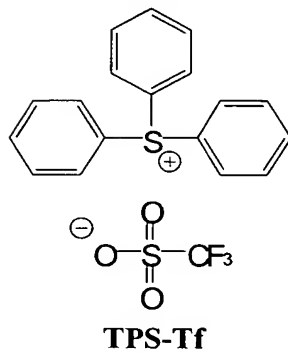
TAZ-101



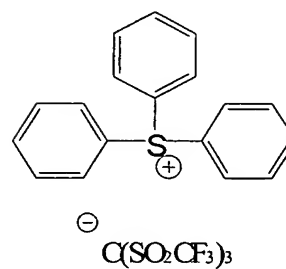
TPS-103



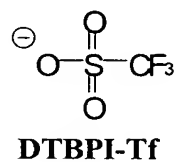
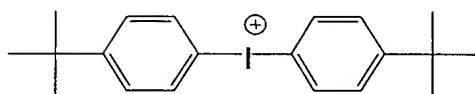
TPS-N1



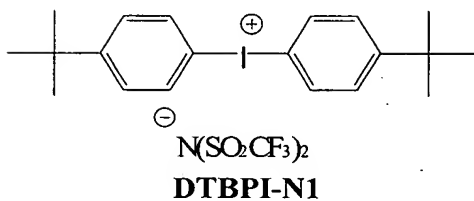
TPS-Tf



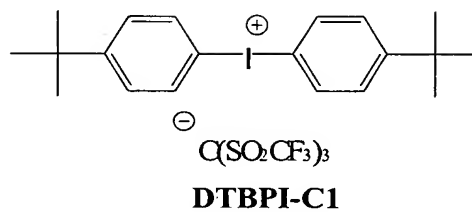
TPS-C1



DTBPI-Tf



DTBPI-N1



DTBPI-C1

FIG. 7

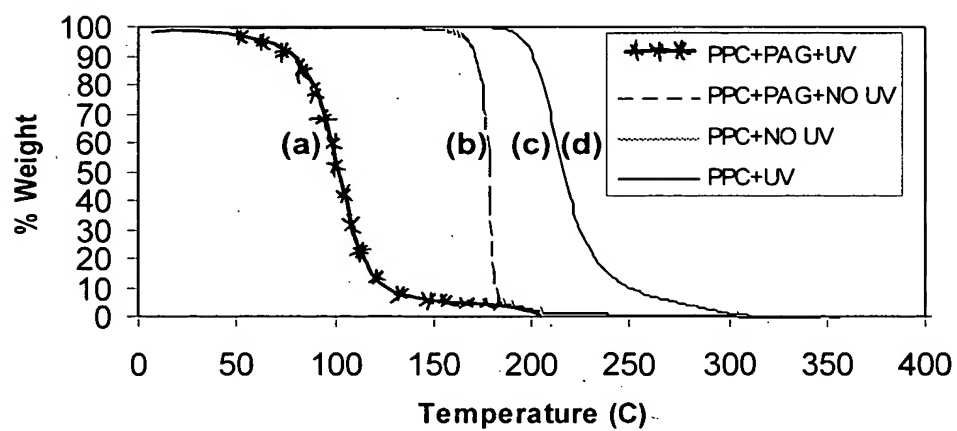


FIG. 8

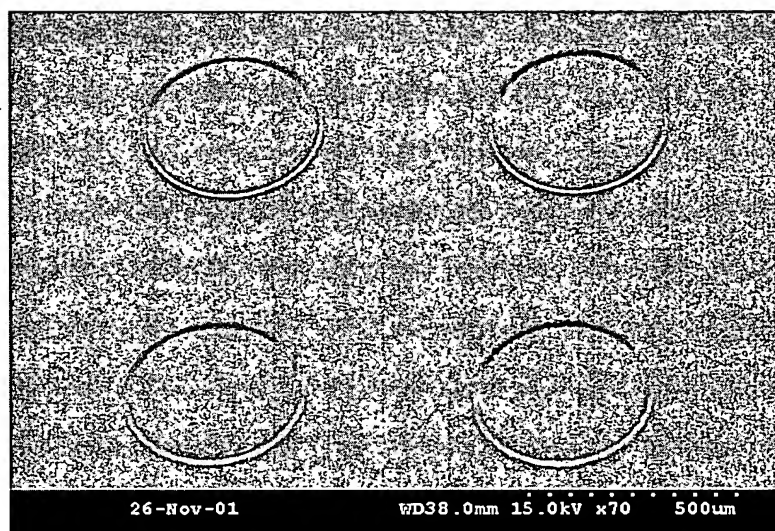
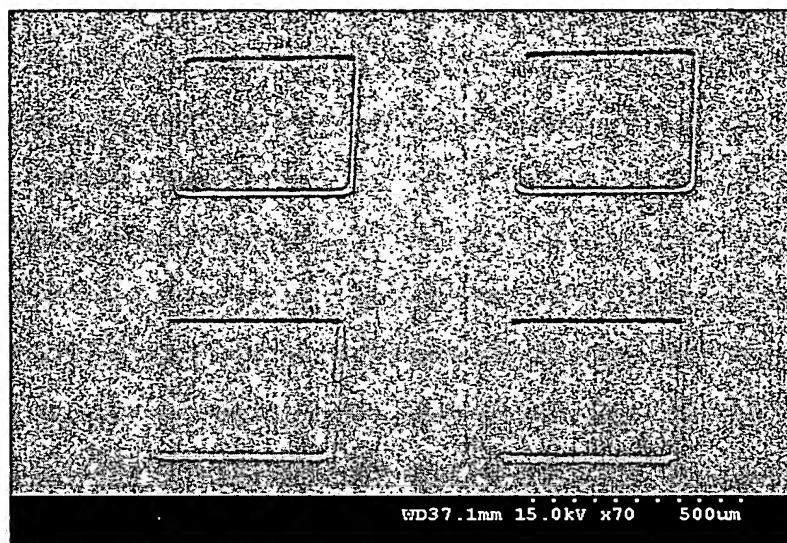


FIG. 9



FIG. 10

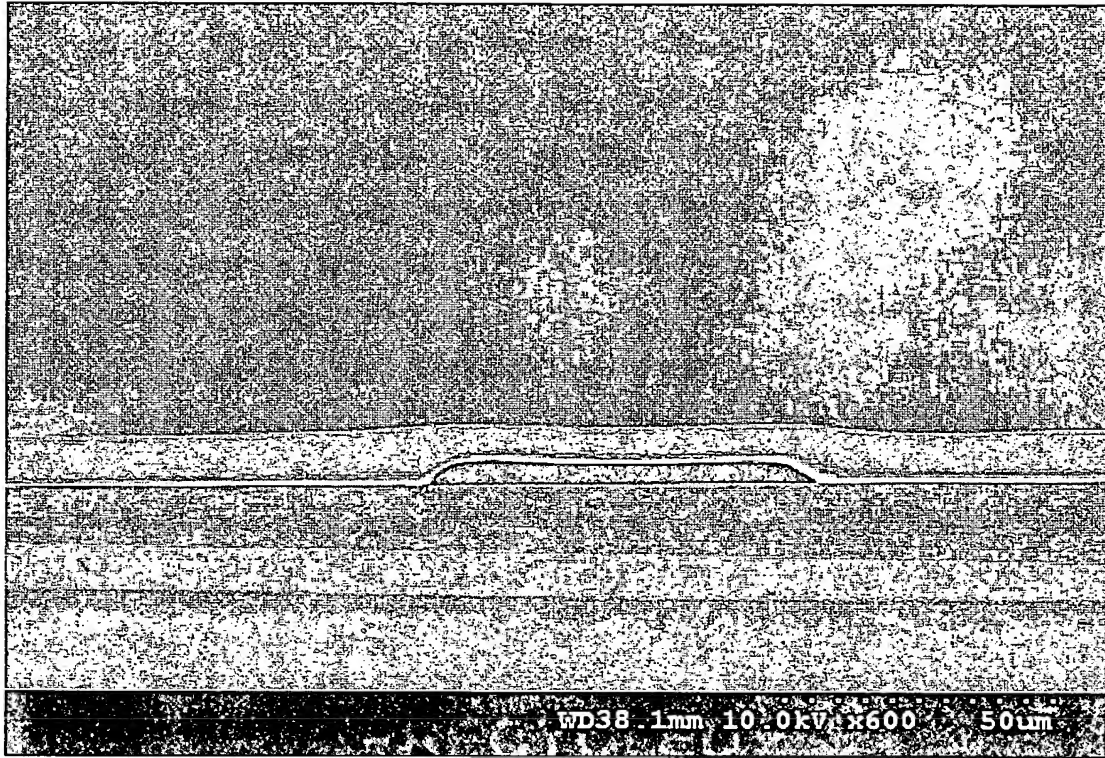


FIG. 11

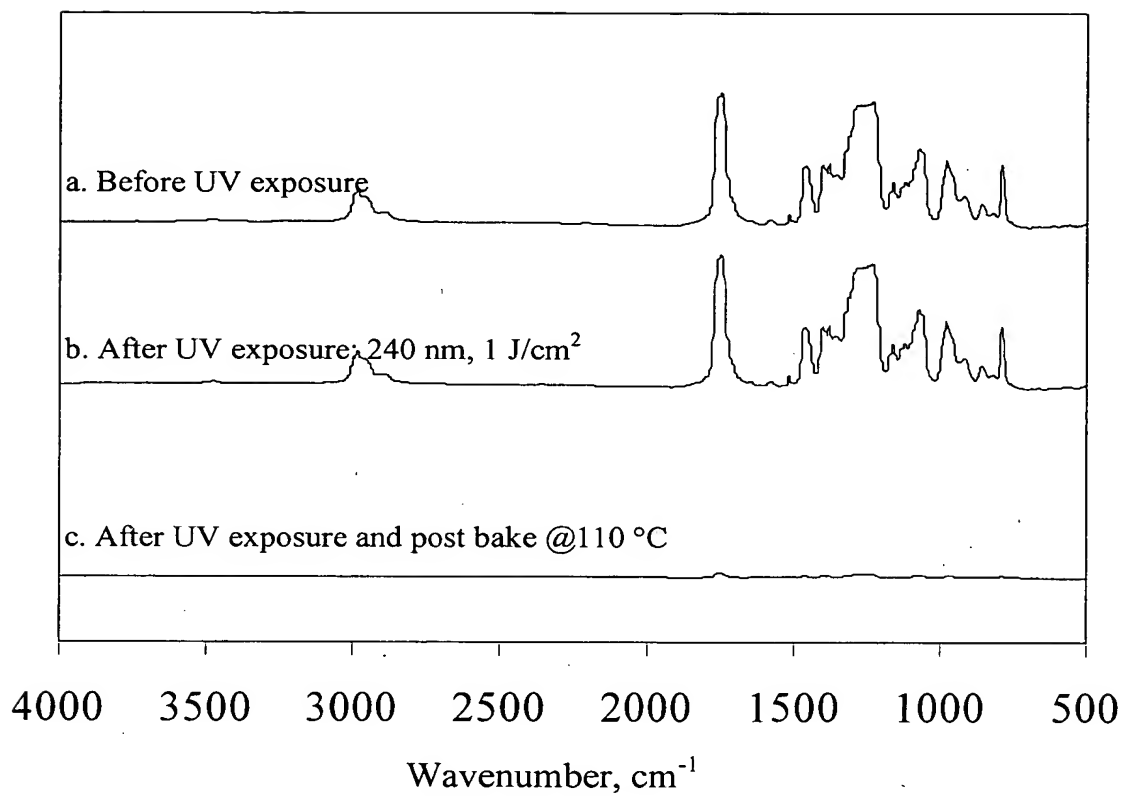


FIG. 12

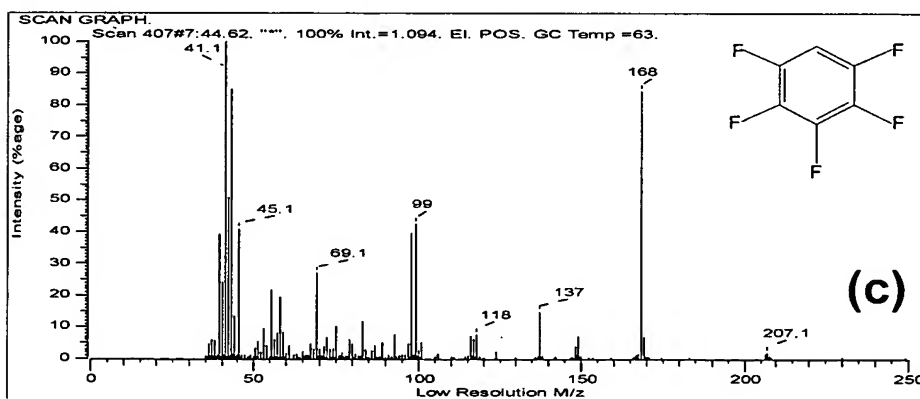
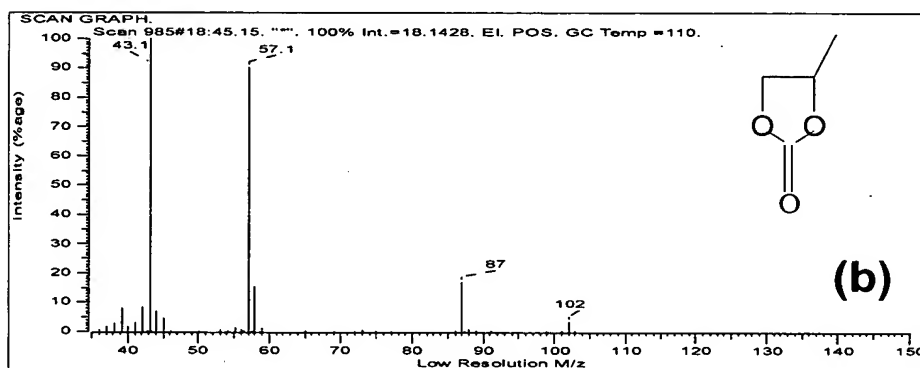
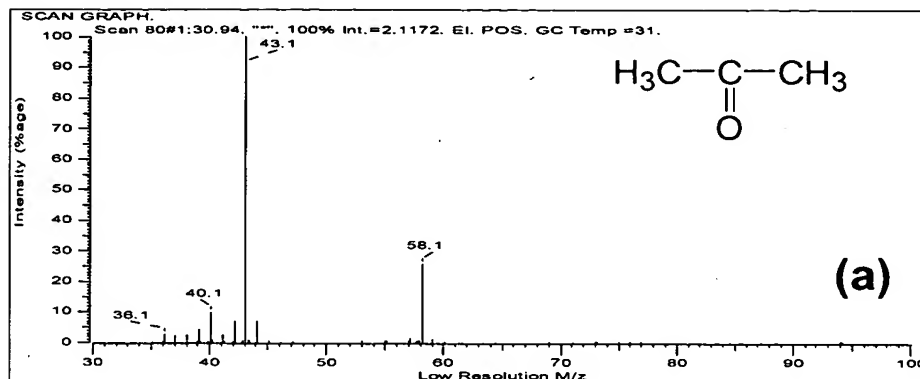


FIG. 13

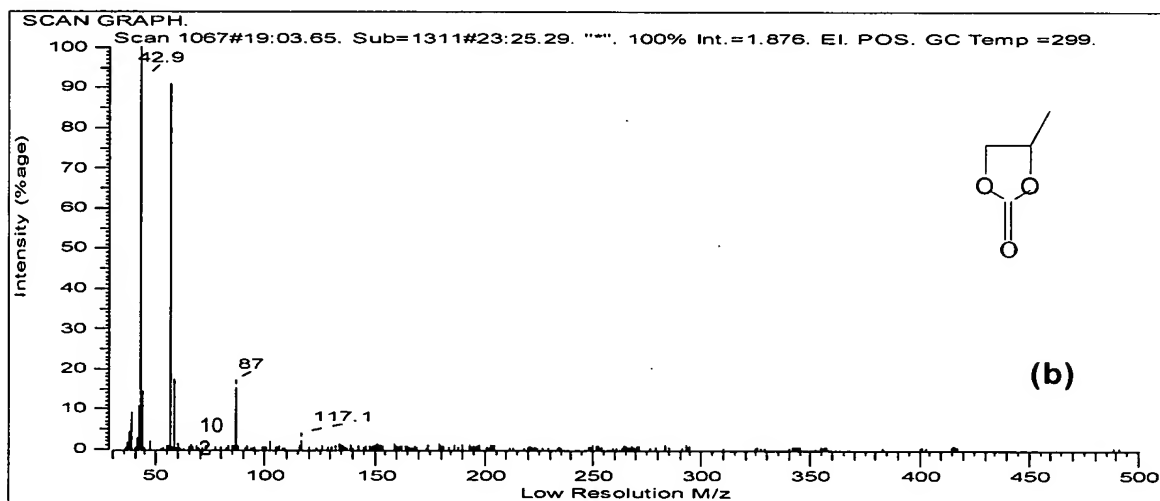
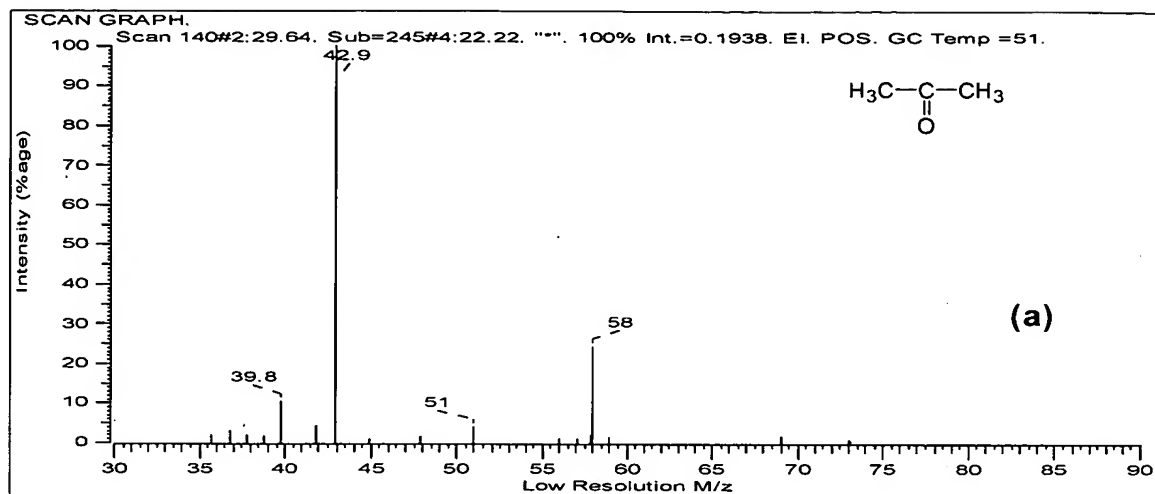


FIG. 14

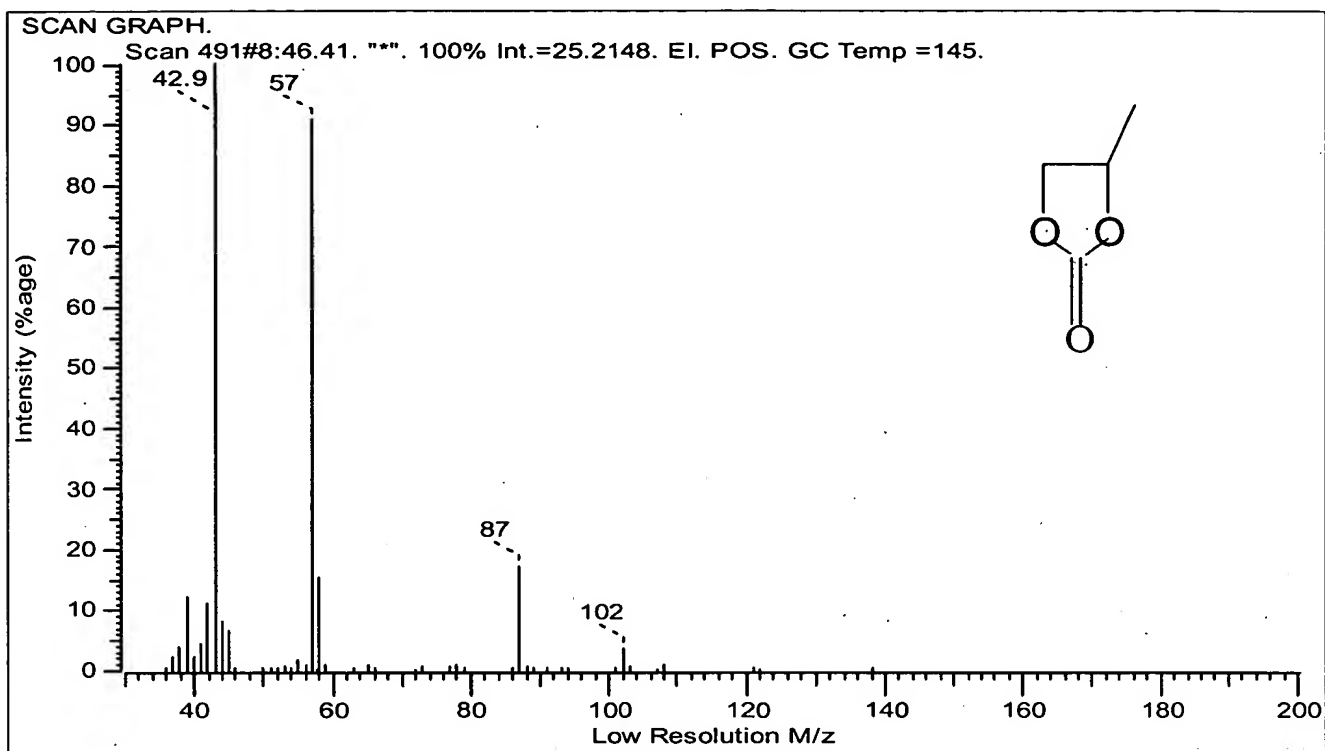


FIG. 15

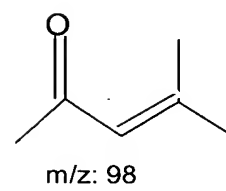
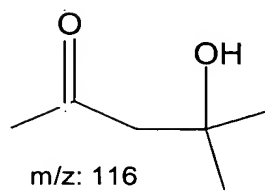
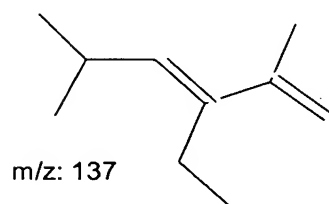
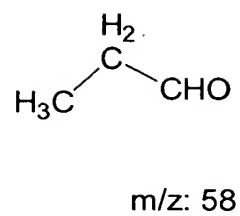
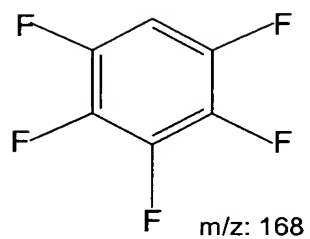
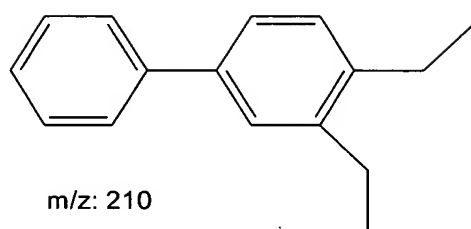
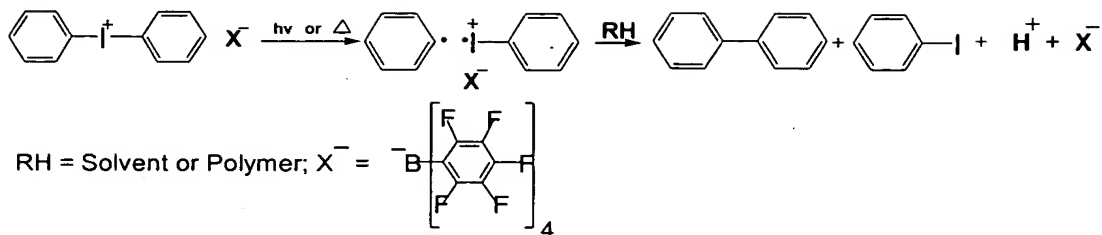


FIG. 16

(a) Decomposition of the PAG



(b) Acid catalyzed decomposition of PPC

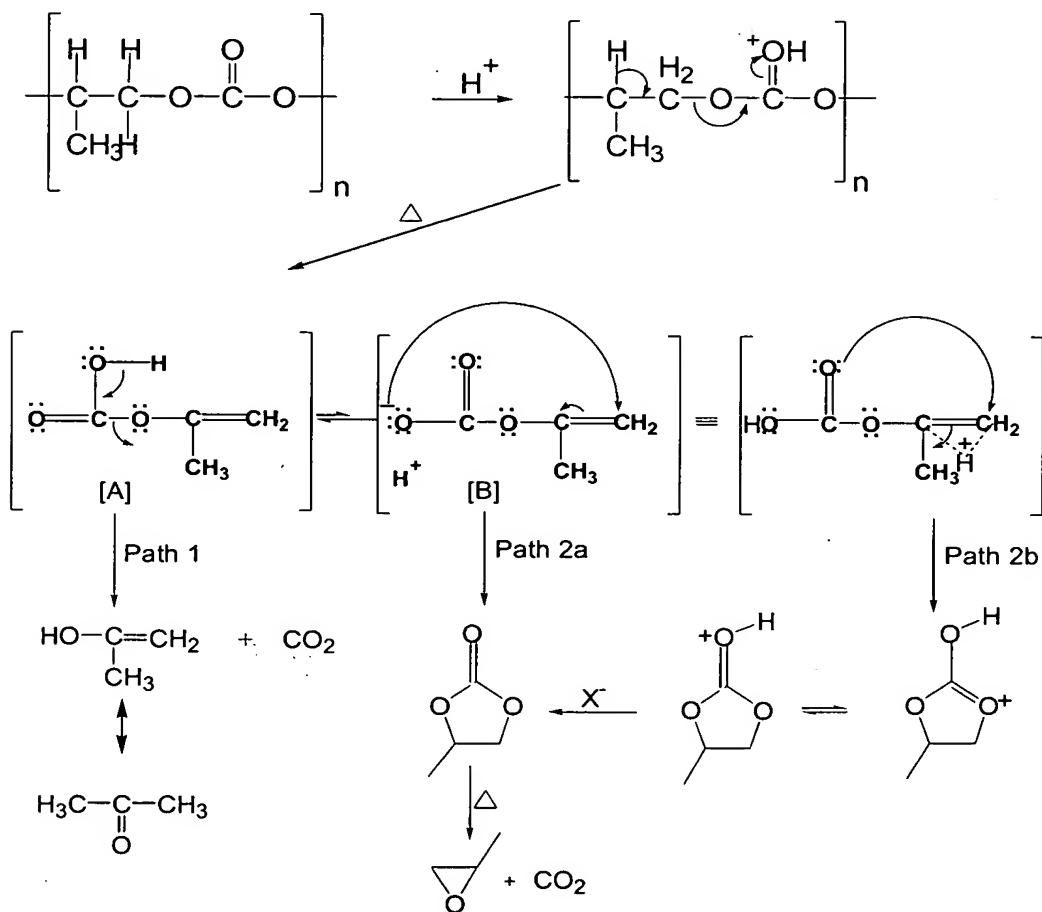


FIG. 17

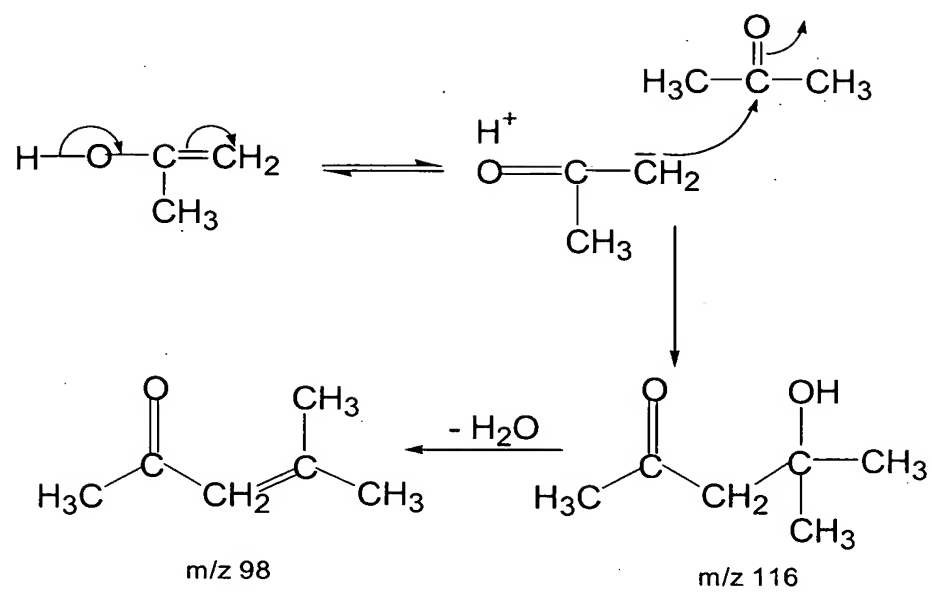


FIG. 18